LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.372	817	823	831	rVB	64783	110542	9.06%	0.970%
2	10.839	1238	1243	1249	rVB3	2027	4094	0.34%	0.036%
3	11.210	1299	1306	1313	rBV	98242	177850	14.58%	1.561%
4	11.262	1313	1315	1320	rVB2	3880	4768	0.39%	0.042%
5	12.843	1578	1584	1589	rVB2	3226	4462	0.37%	0.039%
6	14.370	1838	1844	1850	rVB2	7871	11750	0.96%	0.103%
7	14.687	1893	1898	1905	rBV2	8225	13869	1.14%	0.122%
8	14.987	1943	1949	1955	rVV	184724	286514	23.49%	2.514%
9	15.051	1955	1960	1966	rVB	33425	50668	4.15%	0.445%
10	15.380	2009	2016	2024	rBV	18199	27938	2.29%	0.245%
11	15.974	2111	2117	2121	rBV	13321	18423	1.51%	0.162%
12	16.027	2121	2126	2133	rVB	43602	64769	5.31%	0.568%
13	16.150	2144	2147	2149	rVV2	3570	4366	0.36%	0.038%
14	16.191	2151	2154	2159	rVB2	4397	5579	0.46%	0.049%
15	16.314	2171	2175	2180	rVB3	8631	12553	1.03%	0.110%
16	16.461	2195	2200	2208	rVB3	7996	15240	1.25%	0.134%
17	16.990	2286	2290	2292	rBV3	3372	4741	0.39%	0.042%
18	17.025	2292	2296	2301	rVB3	7999	12276	1.01%	0.108%
19	17.078	2301	2305	2310	rVB3	4315	6994	0.57%	0.061%
20	17.172	2317	2321	2327	rVB4	3513	5175	0.42%	0.045%
21	17.248	2327	2334	2338	rBV4	3645	8241	0.68%	0.072%
22	17.290	2338	2341	2344	rVB4	3418	4255	0.35%	0.037%
23	17.378	2351	2356	2363	rBV2	12768	20919	1.72%	0.184%
24	17.442	2363	2367	2370	rVV2	4112	7044	0.58%	0.062%
25	17.472	2370	2372	2379	rVB4	4654	6641	0.54%	0.058%
26	17.548	2381	2385	2391	rVB	19132	28355	2.33%	0.249%
27	17.730	2409	2416	2419	rBV	238382	370743	30.40%	3.253%
28	17.771	2419	2423	2429	rVV	476533	701510	57.52%	6.156%
29	17.830	2429	2433	2434	rVV	19478	25100	2.06%	0.220%
30	17.859	2434	2438	2444	rVV	109328	164956	13.53%	1.448%
31	17.918	2444	2448	2452	rVB3	10461	14455	1.19%	0.127%
32	18.124	2476	2483	2493	rBV2	49165	85488	7.01%	0.750%
33	18.235	2499	2502	2506	rBV3	8032	9459	0.78%	0.083%
34	18.312	2510	2515	2523	rVB4	7879	15386	1.26%	0.135%
35	18.517	2546	2550	2554	rBV5	3179	4978	0.41%	0.044%
36	18.594	2557	2563	2567	rBV	51889	73663	6.04%	0.646%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

37	18.641	2567	2571	2577	rVB	71670	103086	8.45%	0.905%
38	18.723	2578	2585	2590	rBV	25816	38942	3.19%	0.342%
39	18.793	2590	2597	2601	rBV3	95278	181353	14.87%	1.591%
40	18.887	2608	2613	2616	rBV3	6223	7794	0.64%	0.068%
41	18.929	2616	2620	2625	rVV2	6670	9597	0.79%	0.084%
42	18.976	2625	2628	2633	rVV5	3796	7515	0.62%	0.066%
43	19.023	2633	2636	2641	rVB5	5662	7146	0.59%	0.063%
44	19.081	2641	2646	2650	rBV	45491	65616	5.38%	0.576%
45	19.128	2650	2654	2660	rVB2	36190	54031	4.43%	0.474%
46	19.199	2662	2666	2670	rBV7	6487	8235	0.68%	0.072%
47	19.322	2680	2687	2691	rBV6	18009	30453	2.50%	0.267%
48	19.369	2692	2695	2699	rVV	10763	12014	0.99%	0.105%
49	19.410	2699	2702	2707	rVB4	8395	11299	0.93%	0.099%
50	19.492	2711	2716	2720	rBV	24707	45198	3.71%	0.397%
51	19.563	2723	2728	2730	rBV5	9588	14961	1.23%	0.131%
52	19.645	2736	2742	2751	rVB2	27039	56752	4.65%	0.498%
53	19.763	2754	2762	2768	rBV	845380	1219501	100.00%	10.702%
54	19.804	2768	2769	2773	rVV4	10122	10005	0.82%	0.088%
55	19.851	2773	2777	2781	rVB3	17142	23278	1.91%	0.204%
56	19.951	2790	2794	2798	rBV4	12427	18499	1.52%	0.162%
57	20.009	2800	2804	2811	rVB	26304	46585	3.82%	0.409%
58	20.092	2811	2818	2820	rBV2	147989	266909	21.89%	2.342%
59	20.127	2820	2824	2830	rVB	640496	905676	74.27%	7.948%
60	20.180	2830	2833	2839	rVB2	31510	45377	3.72%	0.398%
61	20.291	2842	2852	2856	rBV	43415	76107	6.24%	0.668%
62	20.362	2859	2864	2868	rVB	36012	53799	4.41%	0.472%
63	20.432	2870	2876	2877	rBV	47713	70343	5.77%	0.617%
64	20.491	2883	2886	2891	rBV	18989	25692	2.11%	0.225%
65	20.603	2897	2905	2911	rVB	114258	209668	17.19%	1.840%
66	20.703	2917	2922	2926	rBV	95623	138850	11.39%	1.218%
67	20.761	2926	2932	2936	rVV2	51437	108176	8.87%	0.949%
68	20.797	2936	2938	2942	rVV	32228	34143	2.80%	0.300%
69	20.838	2942	2945	2950	rVB5	15021	25877	2.12%	0.227%
70	20.908	2953	2957	2960	rBV	31778	44818	3.68%	0.393%
71	20.955	2962	2965	2971	rVB	29809	40432	3.32%	0.355%
72	21.037	2977	2979	2980	rBV2	8697	6003	0.49%	0.053%
73	21.167	2998	3001	3002	rBV3	7754	8205	0.67%	0.072%
74	21.343	3028	3031	3036	rBV7	12149	21794	1.79%	0.191%
75	21.396	3036	3040	3048	rVB	50075	84237	6.91%	0.739%
76	21.596	3067	3074	3078	rBV3	61100	128512	10.54%	1.128%

LSC Area Percent Report

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Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

77	21.637	3078	3081	3086	rVB	52099	78241	6.42%	0.687%
78	21.695	3086	3091	3095	rBV2	59210	110039	9.02%	0.966%
79	21.754	3097	3101	3111	rVB2	55024	104071	8.53%	0.913%
80	21.866	3115	3120	3121	rBV5	15552	21845	1.79%	0.192%
81	22.030	3136	3148	3155	rBV3	388617	1084014	88.89%	9.513%
82	22.095	3155	3159	3166	rVB	276302	473767	38.85%	4.158%
83	22.259	3182	3187	3193	rBV	57020	101962	8.36%	0.895%
84	22.483	3219	3225	3232	rBV	48950	93662	7.68%	0.822%
85	22.741	3264	3269	3274	rBV6	17951	35086	2.88%	0.308%
86	22.823	3280	3283	3288	rVB	37181	65853	5.40%	0.578%
87	22.906	3294	3297	3303	rVB	24965	43866	3.60%	0.385%
88	23.129	3330	3335	3340	rBV3	27137	54888	4.50%	0.482%
89	23.170	3340	3342	3344	rBV3	10784	12017	0.99%	0.105%
90	23.276	3355	3360	3367	rVB3	25750	60740	4.98%	0.533%
91	23.663	3422	3426	3433	rVB8	27328	59032	4.84%	0.518%
92	24.439	3549	3558	3567	rBV2	195294	743103	60.94%	6.521%
93	24.721	3602	3606	3611	rVB	22037	40058	3.28%	0.352%
94	25.238	3686	3694	3708	rVB2	102048	306392	25.12%	2.689%
95	25.402	3712	3722	3733	rVB	157583	464253	38.07%	4.074%
96	25.567	3740	3750	3757	rBV2	116648	354425	29.06%	3.110%
97	25.819	3791	3793	3794	rBV2	7604	5039	0.41%	0.044%
98	26.160	3845	3851	3867	rVB5	47858	171125	14.03%	1.502%
99	29.632	4432	4442	4443	rBV2	55763	132365	10.85%	1.162%
100	30.906	4647	4659	4662	rBV	38936	129310	10.60%	1.135%

Sum of corrected areas: 11395395

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
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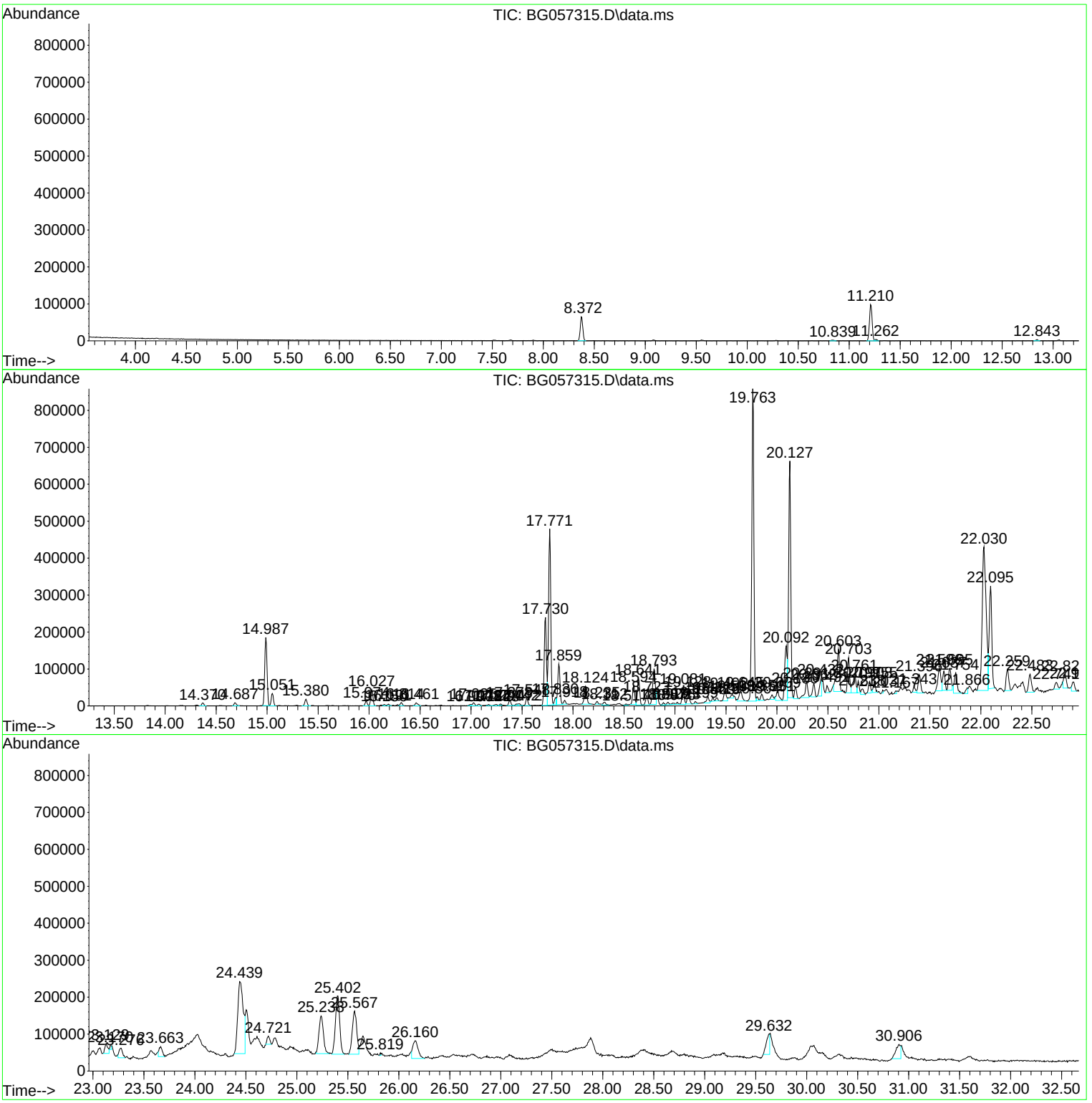
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

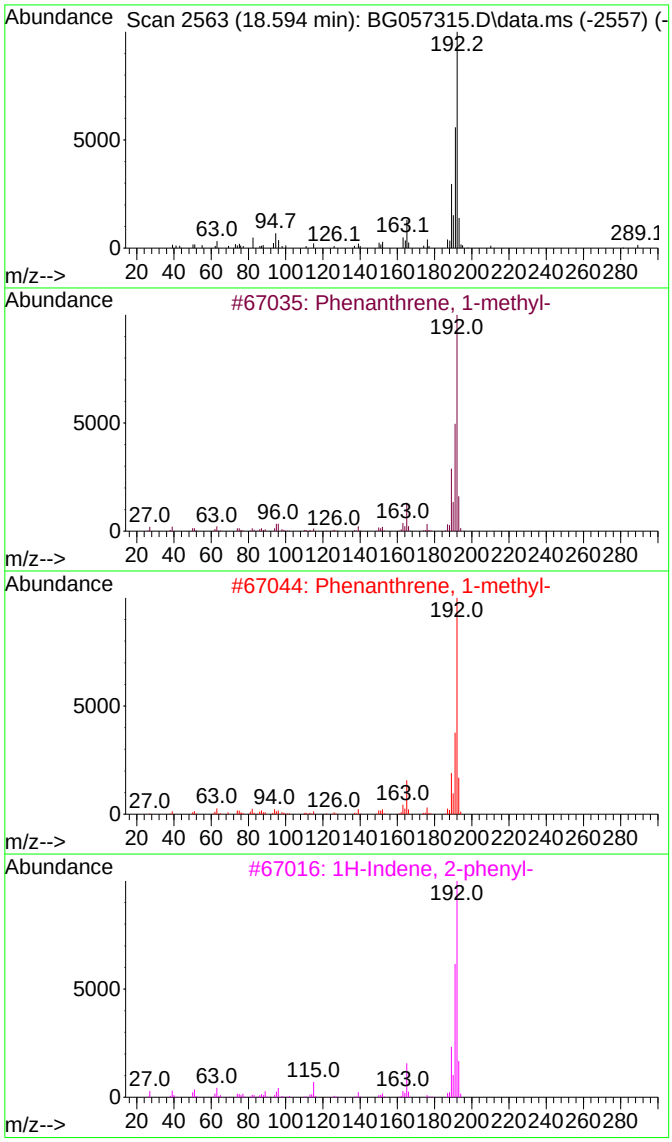
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

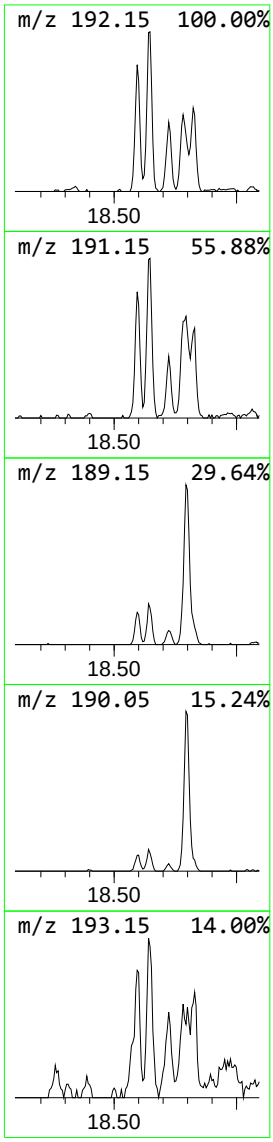
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	3.97 ng/ul	73663	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

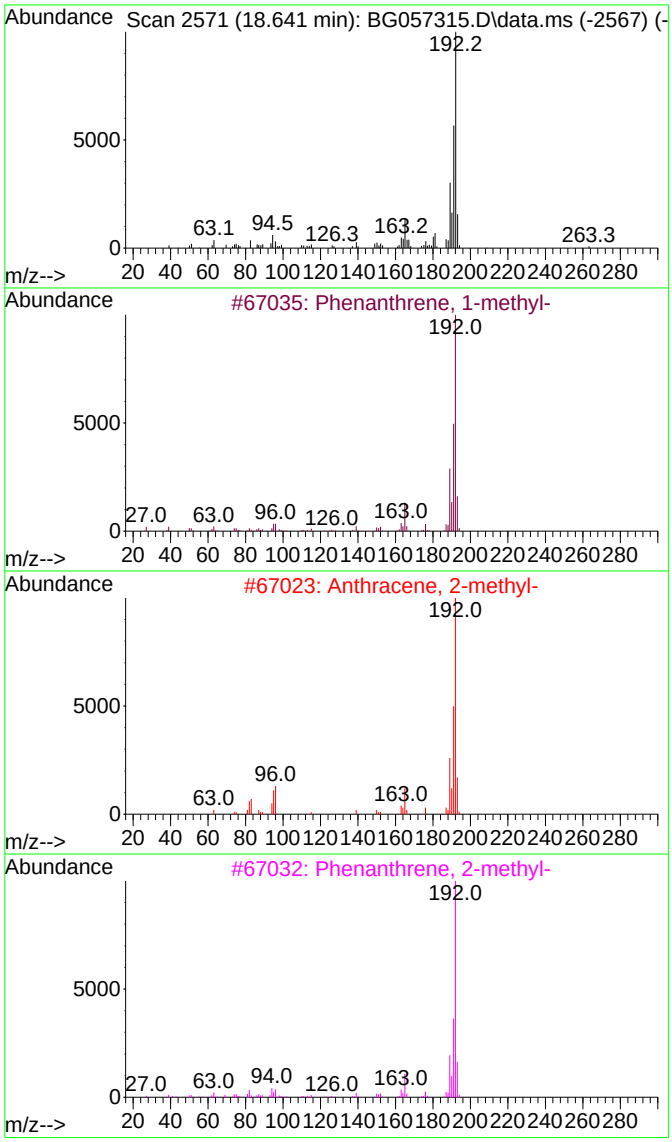
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

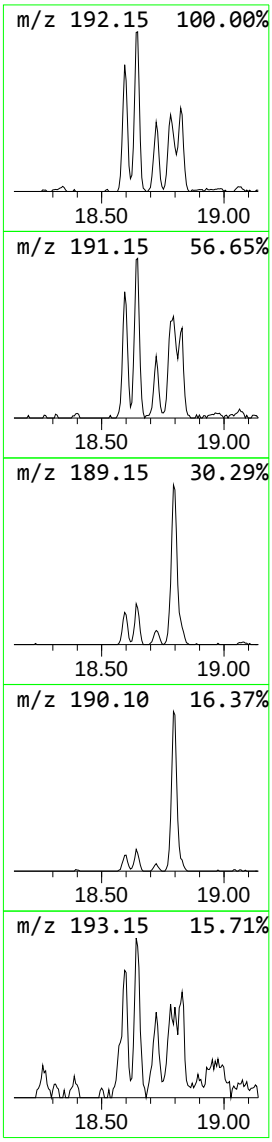
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	5.56 ng/ul	103086	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

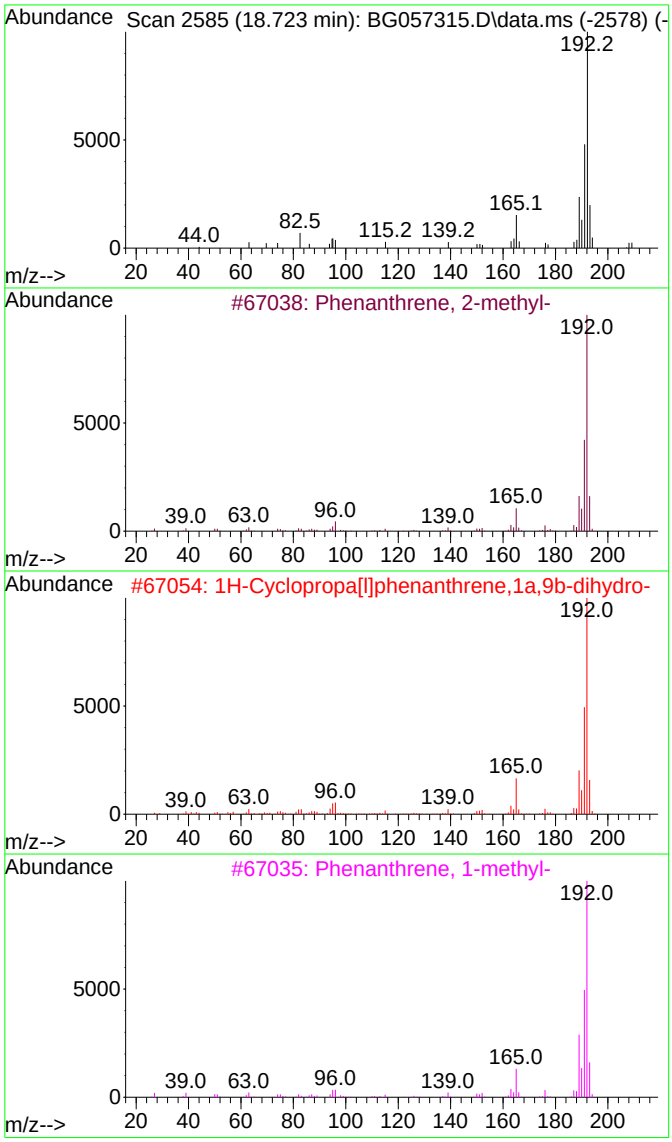
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

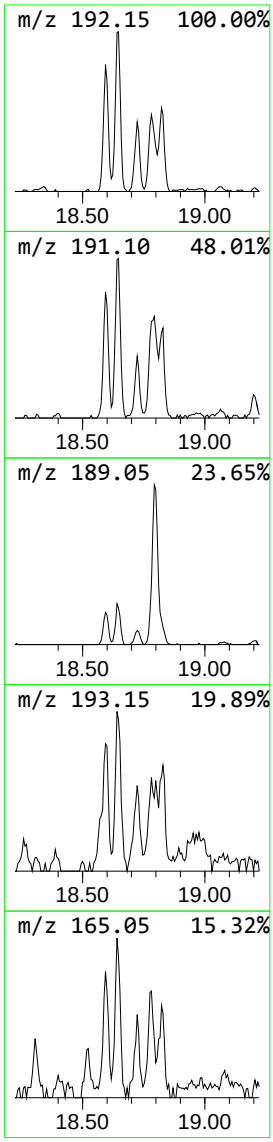
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.723	2.10 ng/ul	38942	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

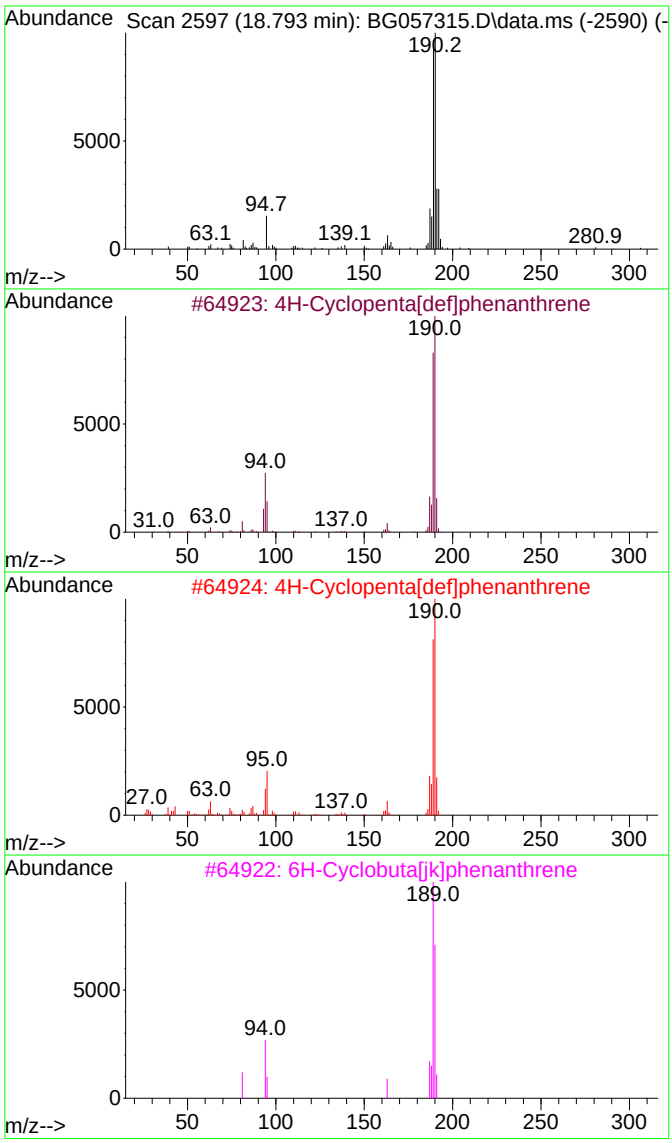
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

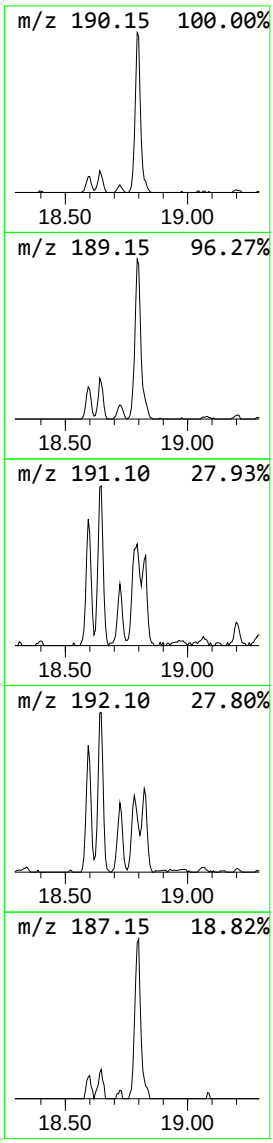
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.793	9.78 ng/ul	181353	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

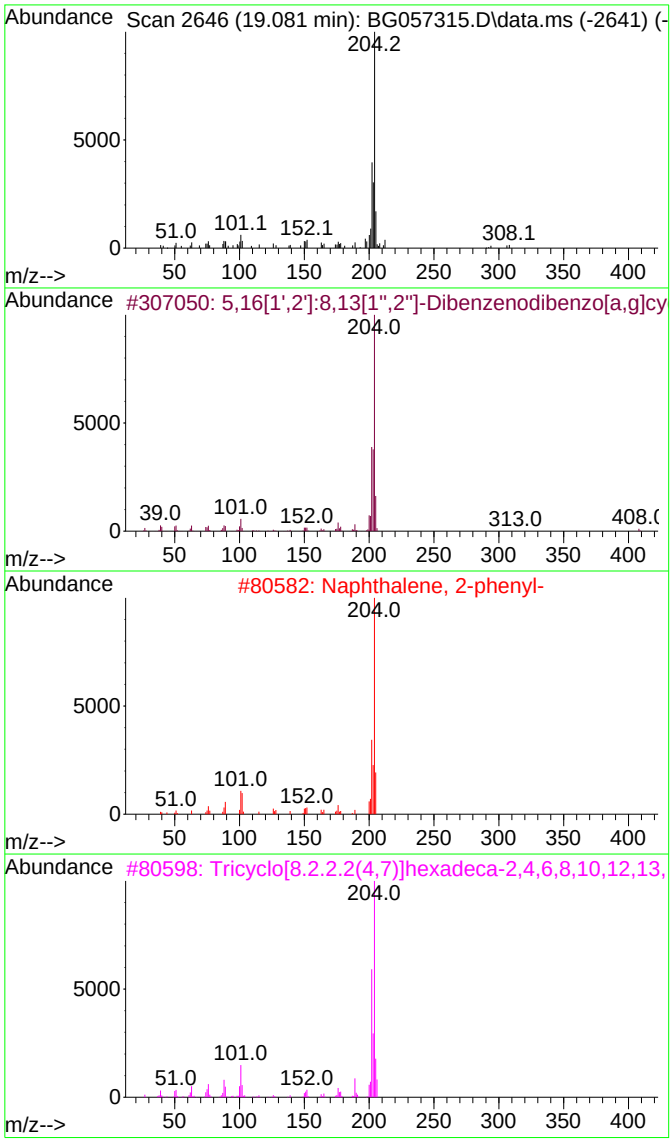
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

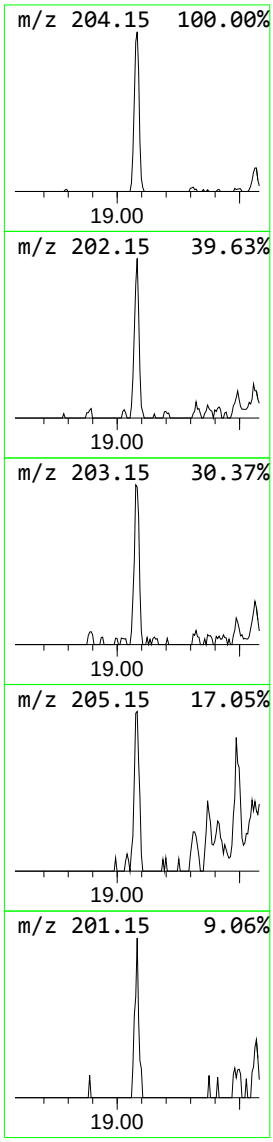
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.081	3.54 ng/ul	65616	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

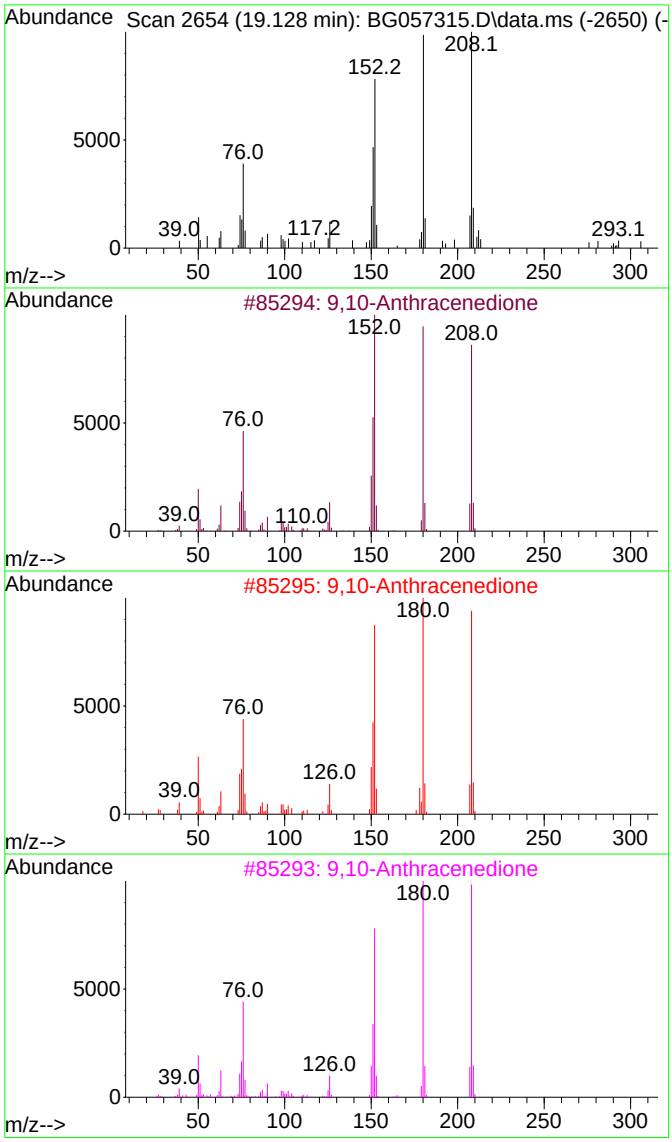
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

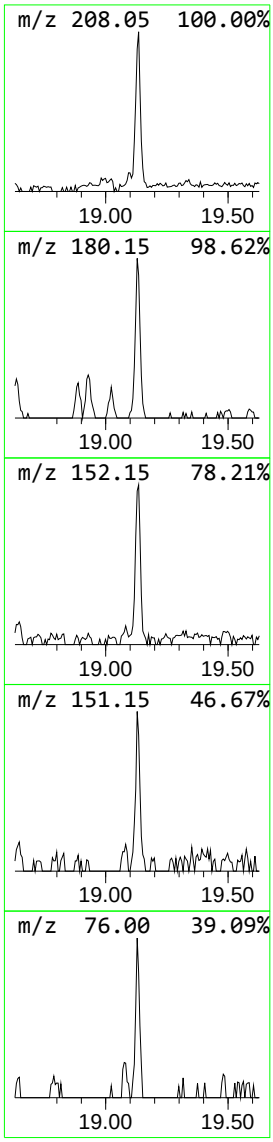
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.91 ng/ul	54031	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

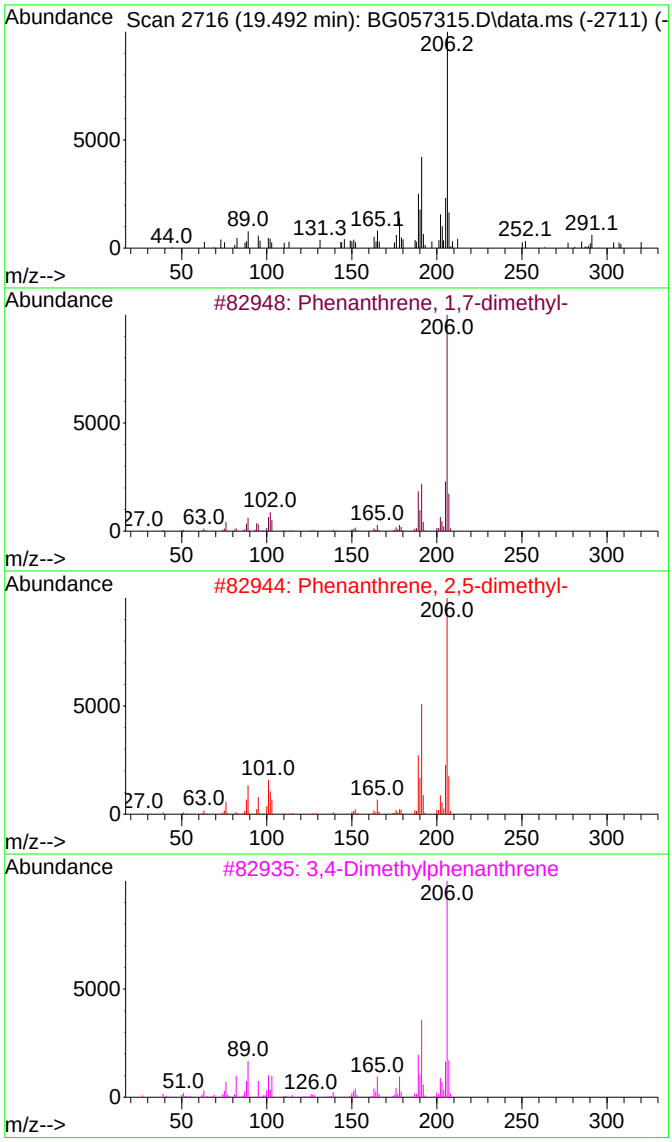
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

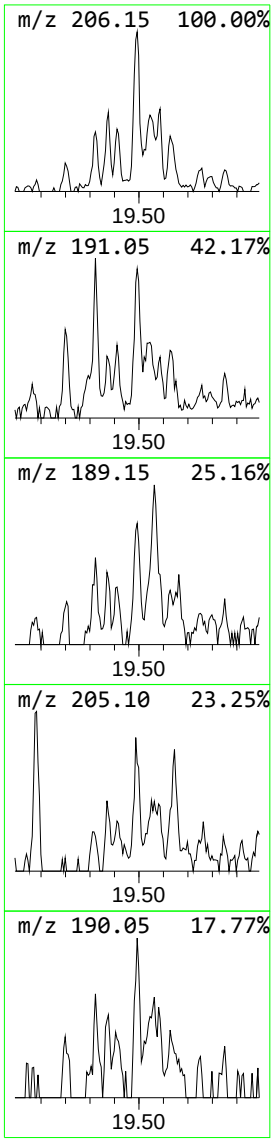
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.493	2.44 ng/ul	45198	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

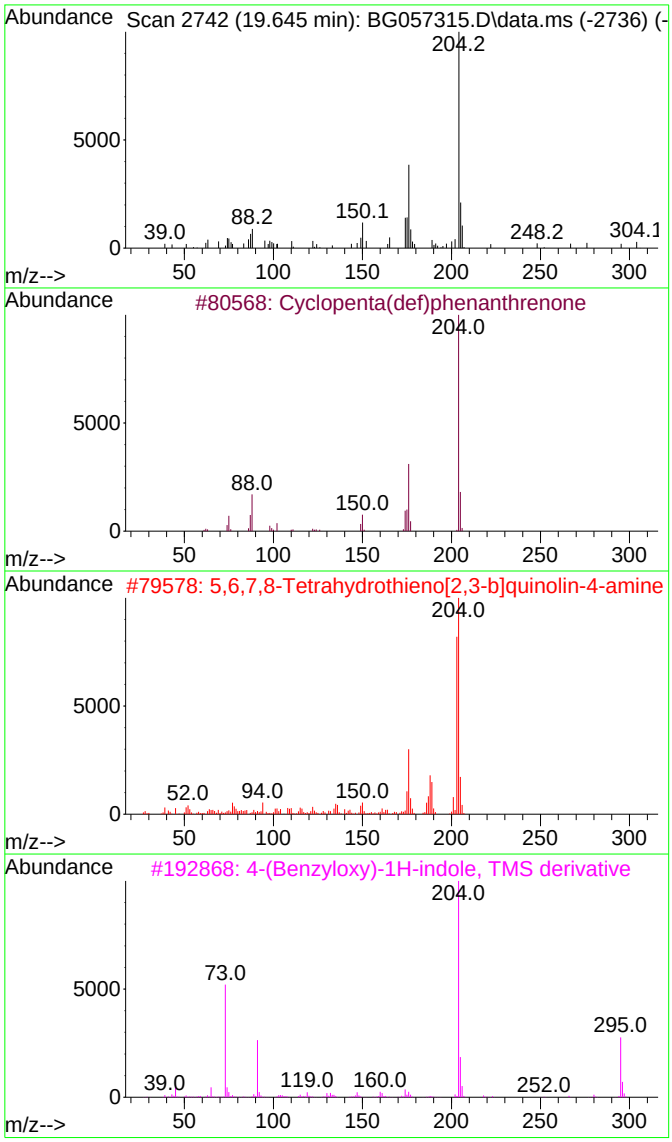
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

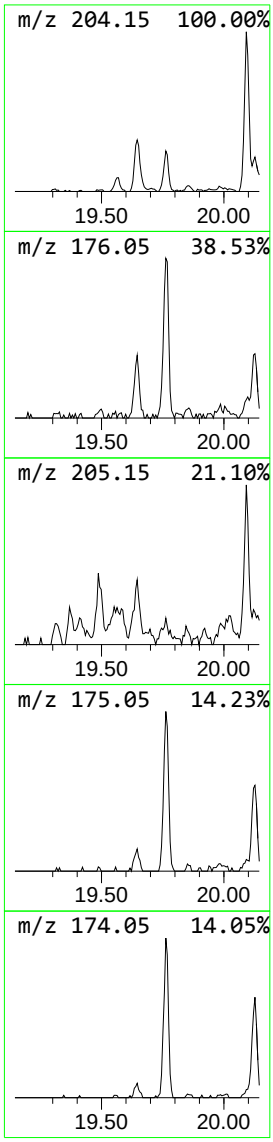
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	3.06 ng/ul	56752	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	4-(Benzyloxy)-1H-indole, TMS der...	295	C18H21NOSi	1000468-26-1	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

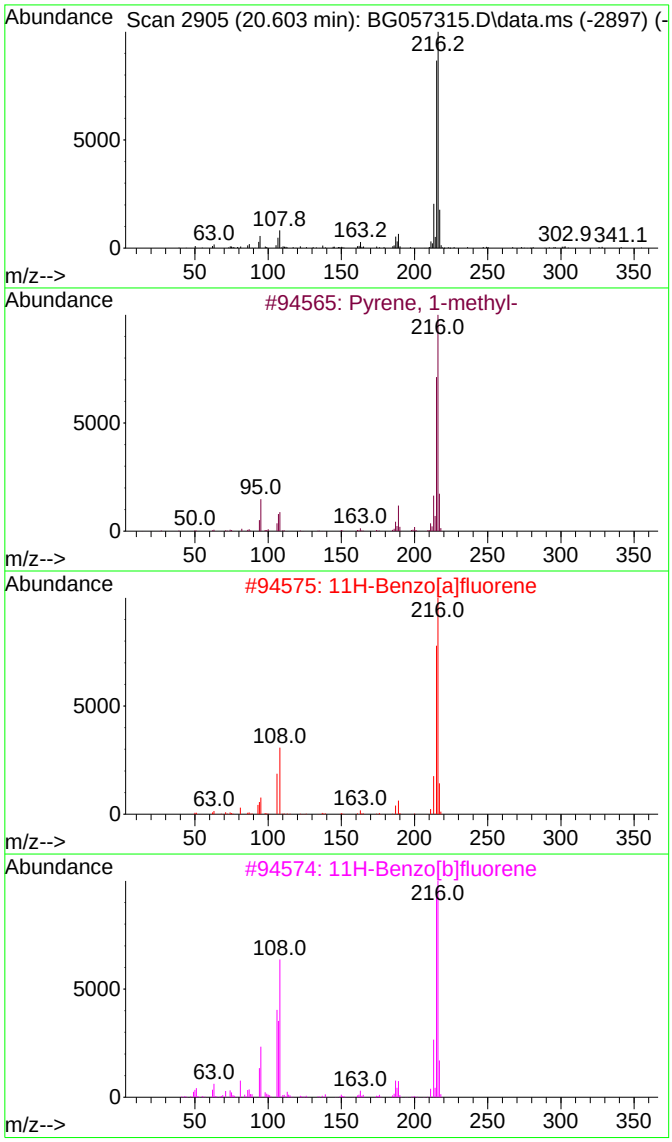
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

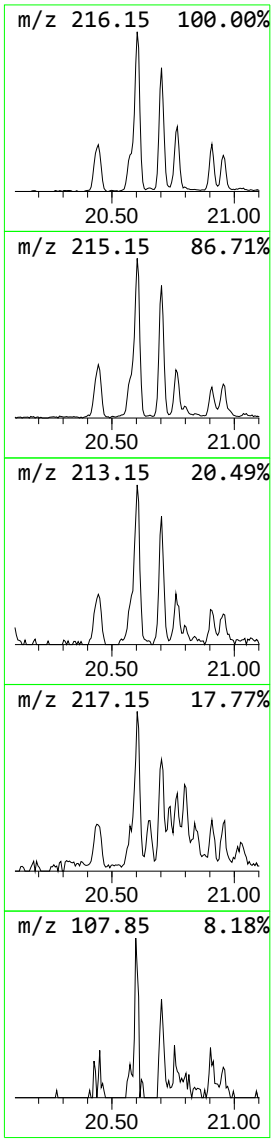
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.603	3.87 ng/ul	209668	Chrysene-d12	22.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

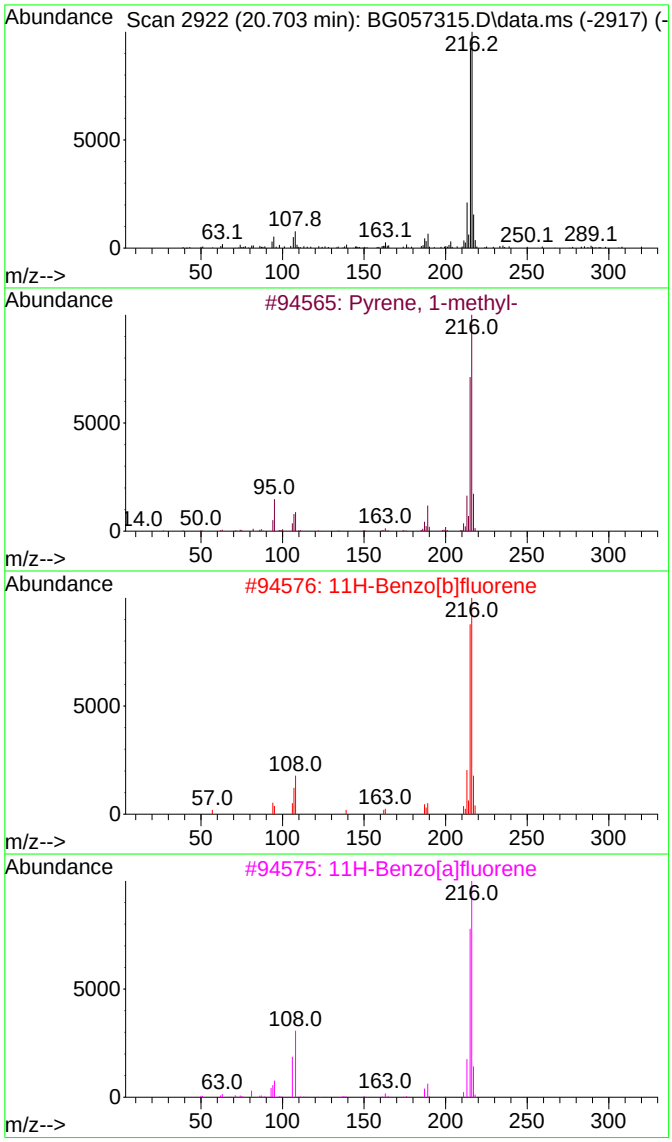
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

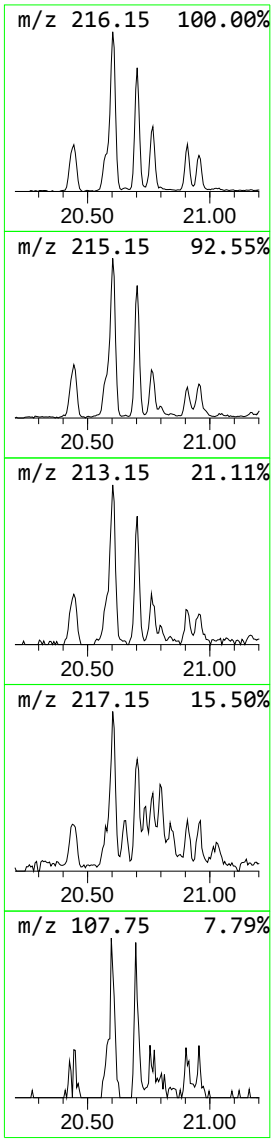
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.703	2.56 ng/ul	138850	Chrysene-d12	22.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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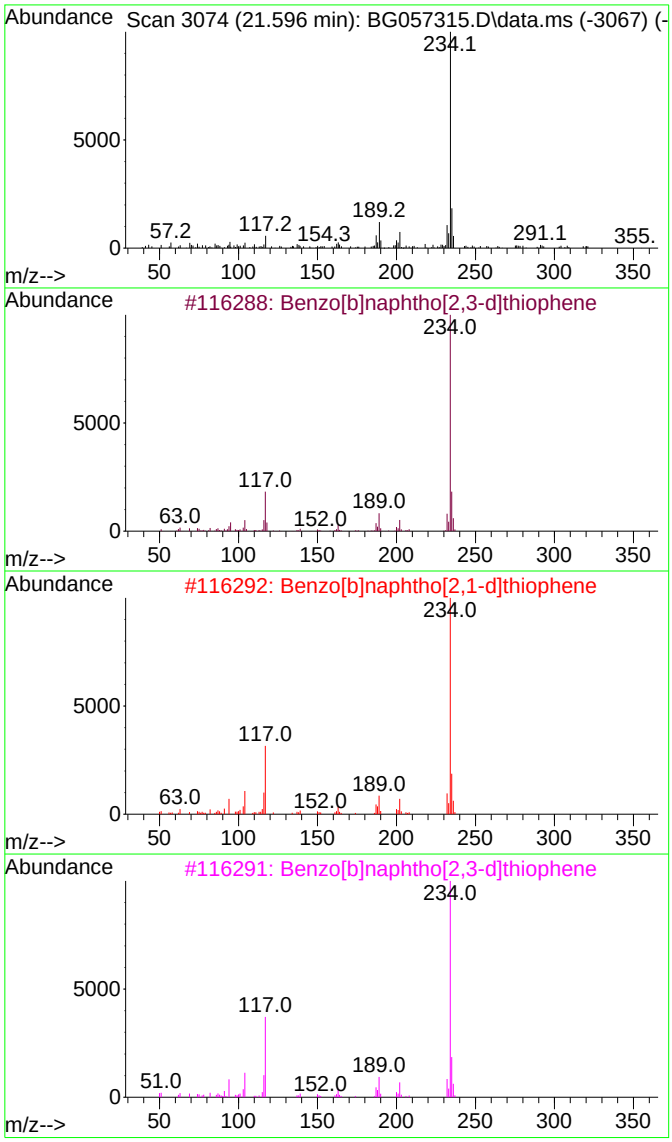
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

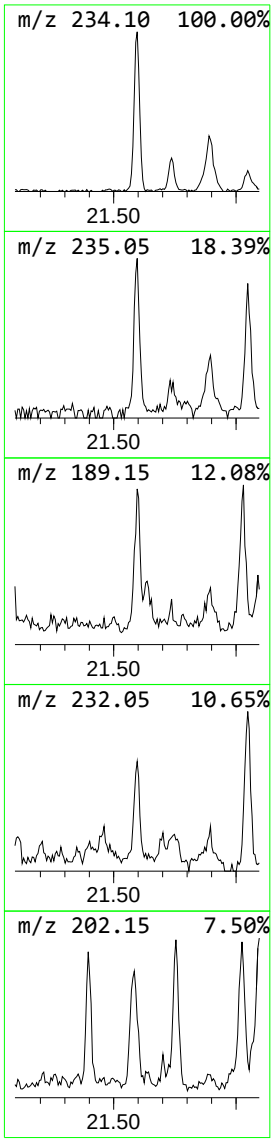
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.596	2.37 ng/ul	128512	Chrysene-d12	22.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

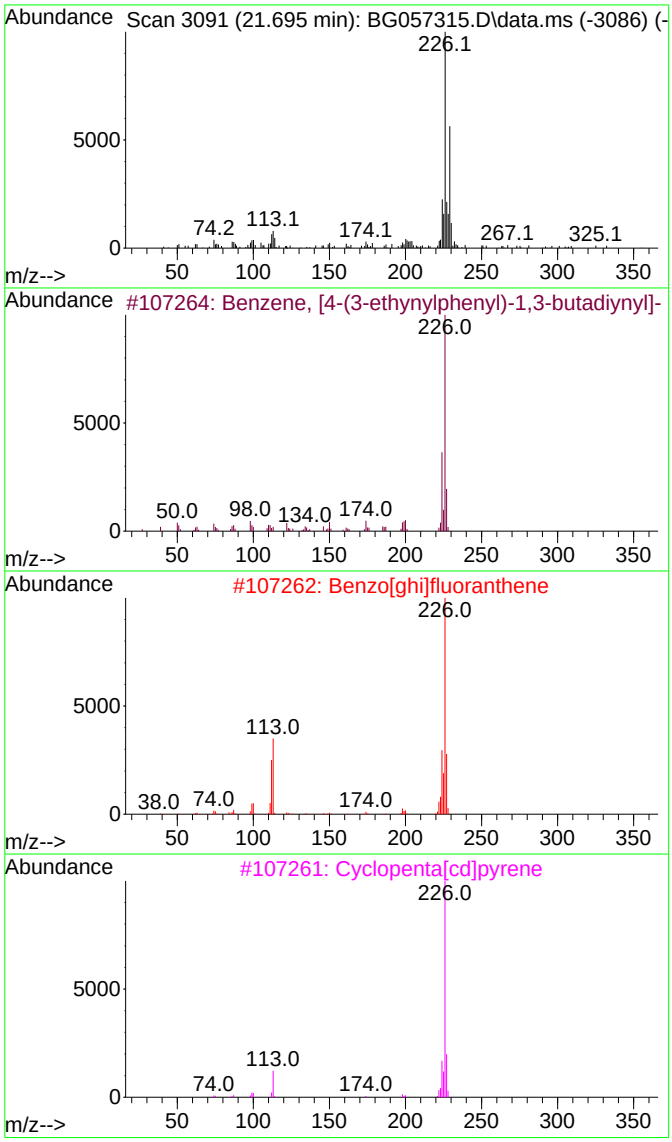
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

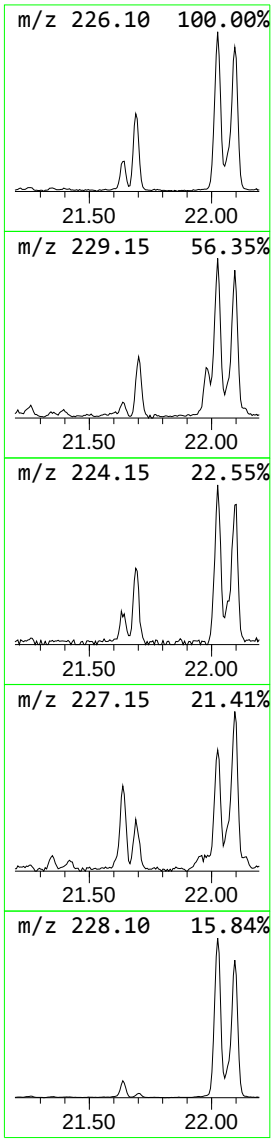
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, [4-(3-ethynylpheny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.695	2.03 ng/ul	110039	Chrysene-d12	22.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	55
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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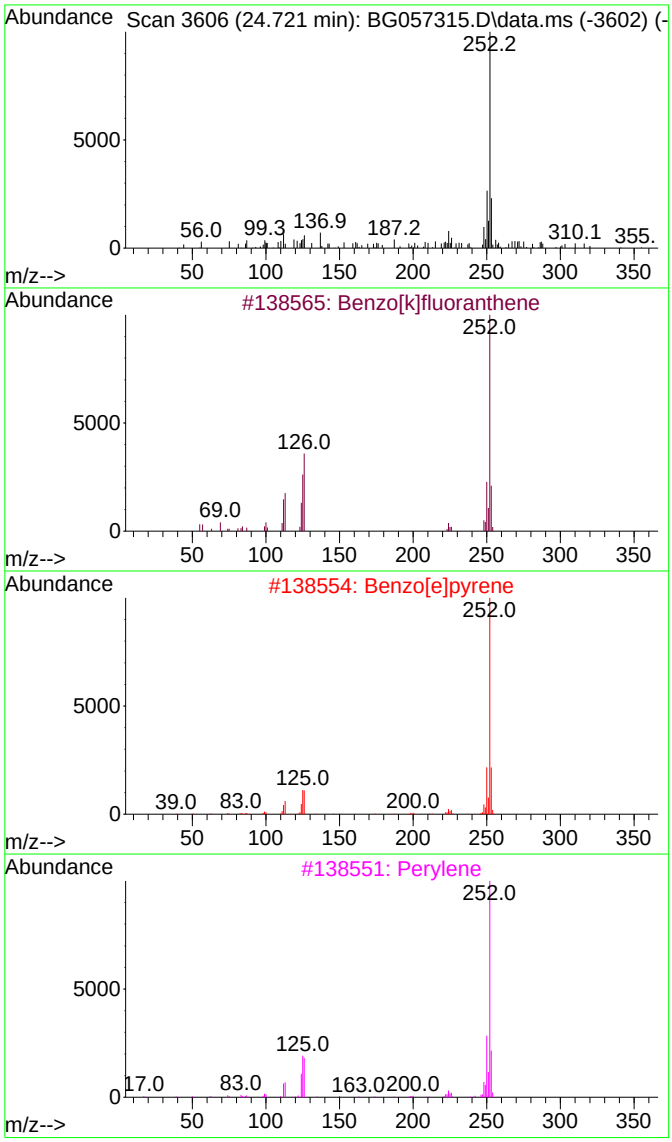
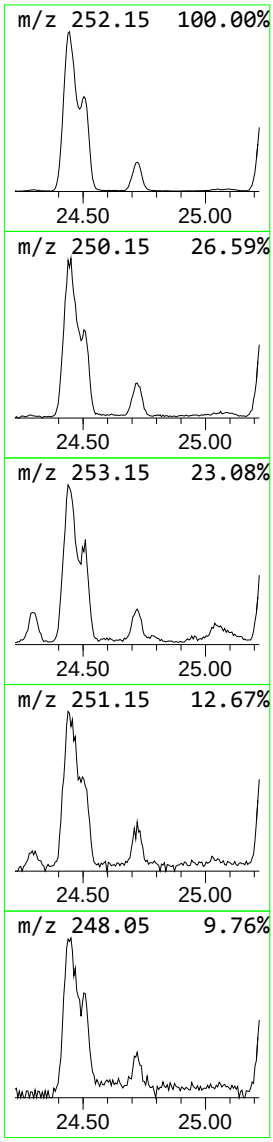
Peak Number 13 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.721	2.26 ng/ul	40058	Perylene-d12	25.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	72
3	Perylene	252	C20H12	000198-55-0	68
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5	Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	68





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Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW942

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

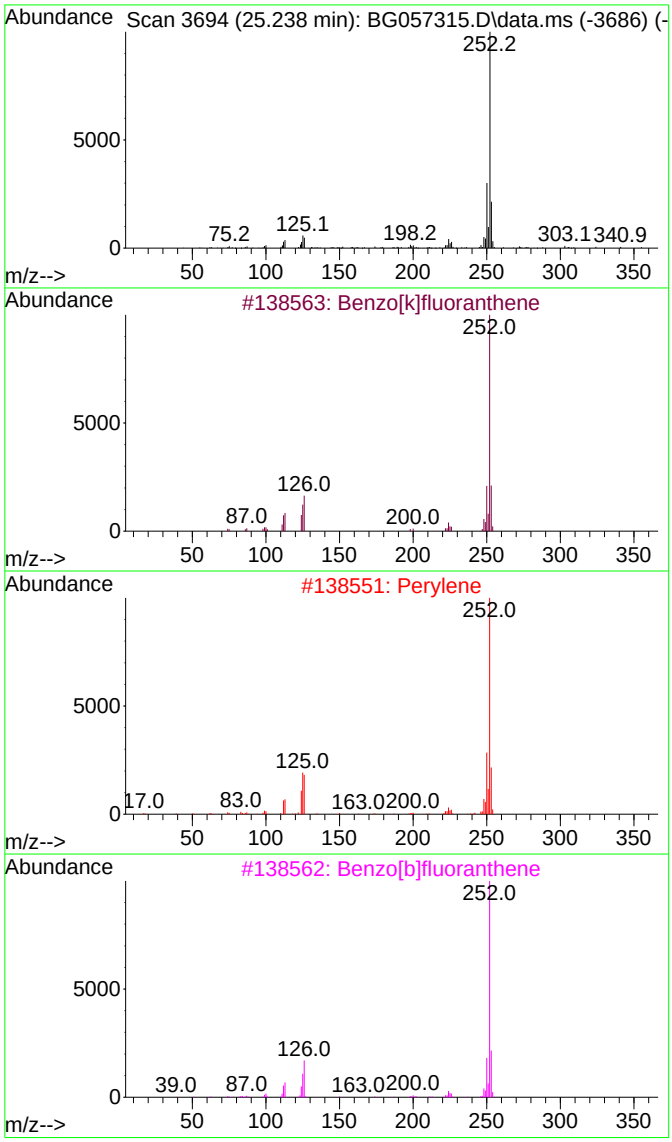
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

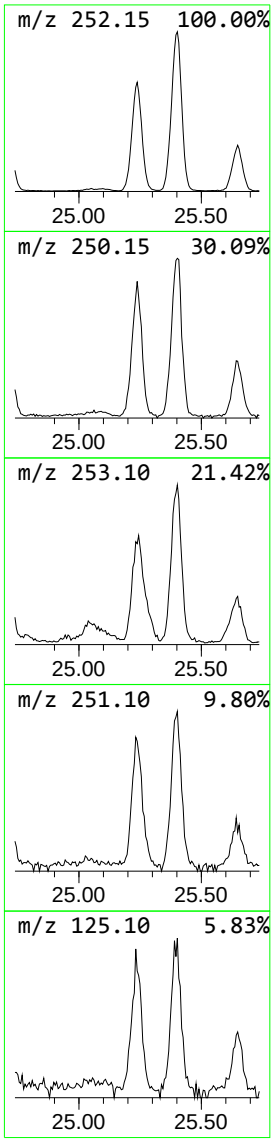
****

Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.238	17.29 ng/ul	306392	Perylene-d12	25.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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ALS Vial : 5 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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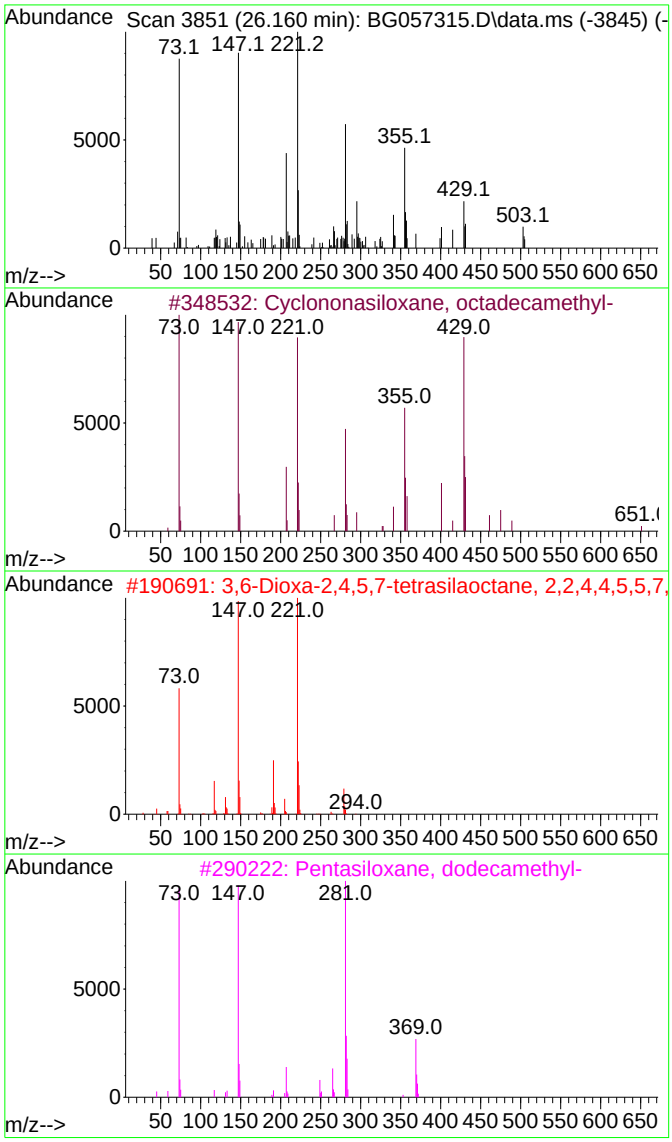
Quant Title : SVOA CALIBRATION

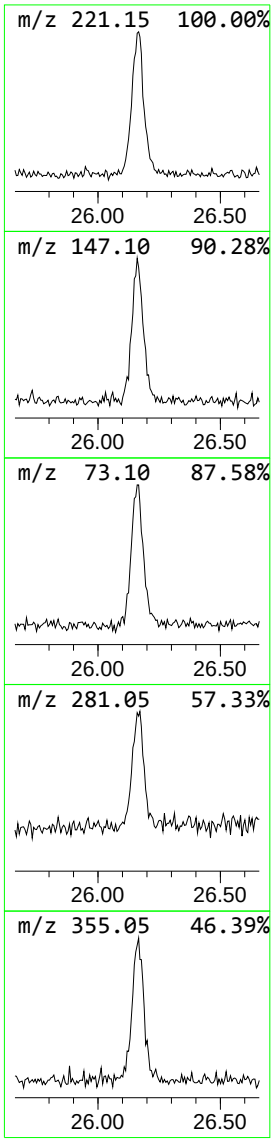
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.160	9.66 ng/ul	171125	Perylene-d12	25.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	16
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	16





Tentatively Identified Compound (LSC) summary

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Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	18.594	4.0	ng/ul	73663	4	17.730	370743	20.0
Anthracene, 2-m...	18.641	5.6	ng/ul	103086	4	17.730	370743	20.0
Phenanthrene, 2...	18.723	2.1	ng/ul	38942	4	17.730	370743	20.0
4H-Cyclopenta[d...	18.793	9.8	ng/ul	181353	4	17.730	370743	20.0
5,16[1',2']:8,1...	19.081	3.5	ng/ul	65616	4	17.730	370743	20.0
9,10-Anthracene...	19.128	2.9	ng/ul	54031	4	17.730	370743	20.0
Phenanthrene, 1...	19.493	2.4	ng/ul	45198	4	17.730	370743	20.0
Cyclopenta(def)...	19.645	3.1	ng/ul	56752	4	17.730	370743	20.0
Pyrene, 1-methyl-	20.603	3.9	ng/ul	209668	5	22.048	1084010	20.0
11H-Benzo[b]flu...	20.703	2.6	ng/ul	138850	5	22.048	1084010	20.0
Benzo[b]naphtho...	21.596	2.4	ng/ul	128512	5	22.048	1084010	20.0
Benzene, [4-(3-...	21.695	2.0	ng/ul	110039	5	22.048	1084010	20.0
Benzo[e]pyrene	24.721	2.3	ng/ul	40058	6	25.567	354425	20.0
Perylene	25.238	17.3	ng/ul	306392	6	25.567	354425	20.0
Cyclononasiloxa...	26.160	9.7	ng/ul	171125	6	25.567	354425	20.0